

AMENDMENT(S) TO THE DRAWINGS

With respect to the Drawings, eight (8) sheets of Replacement Drawings are included with this Reply.

Please replace the previous informal drawings with the attached eight (8) formal Replacement Drawing sheets.

REMARKS

The Examiner's thorough Office Action is noted with appreciation. For the sake of clarity, the paragraph numbering used in the current Office Action is referenced in this Reply.

1.-3. In the current Office Action, the drawings were "objected to because of several line informalities, i.e. boxes with missing sides, and because the drawn items lack sufficient labeling (Fig. 1, 110b, et al.)."

In response to the objection(s) to the drawings, replacement drawing sheets are attached to this Reply. The eight (8) replacement drawings sheets are labeled with the instant Application's Serial No. and the current Attorney Docket No., as well as with a "Replacement Sheet" indication. It is believed that these replacement drawings sheets overcome the objections and comport with the applicable rules of 37 CFR 1.84.

Additionally, a marked-up copy of the corrected drawing figures are attached to this Reply. The marked-up copy includes annotations indicating the changes made with respect to the previous version. However, it is noted that there are no red-lined indications with regard to the boxes with missing sides because the copies in our files do not have any missing sides. (Apparently, missing sides developed during the reproduction of the drawings at some point.)

Accordingly, acceptance of the replacement drawings sheets and withdrawal of the objections to the drawings is hereby respectfully requested.

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2 4. The current Office Action indicated that "The oath or declaration is
3 defective because: it is missing."

4 A copy of the originally-executed Declaration and Power of Attorney is
5 attached to this Reply.

6 Additionally, evidence that the originally-executed Declaration and Power of
7 Attorney was electronically submitted along with the instant Application on
8 04/18/2001 is attached to this Reply. This evidence is entitled "TRANSMITTAL
9 FORM" and runs four (4) pages.

10 Accordingly, it is respectfully requested (i) that this submission and evidence
11 be approved and (ii) that any objection to the Declaration and Power of Attorney due
12 to its apparent previous absence be withdrawn.
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15 5. In the current Office Action, multiple claims were rejected under 35
16 U.S.C. 112, second paragraph.

17 6. Specifically, claims 1-15 were rejected.

18 7,8,9. Claim 1 was rejected because of "one or more first devices". Claim 3
19 was rejected because of "one or more second devices". The current Office Action
20 indicated that claims 2-15 inherited these deficiencies.

21 The amendments as requested in the current Office Action have been made as
22 indicated herein above. It is noted for the record that such amendments are not made
23 in response to any prior art or to any art-based rejections.

24 Accordingly, it is respectfully requested that the corresponding rejections
25 under 35 U.S.C. 112, second paragraph, be withdrawn.

10. The current Office Action also rejected to the use of “node” in claims 8-11.

The propriety of this rejection is respectfully traversed.

The Examiner’s attention is directed to, by way of example only, the “Summary of Invention” section at paragraph [0012]. Paragraph [0012] of the instant Application reads, in pertinent part:

The information that is exchanged among devices can be stored in a data structure, such as a tree, according to a markup language, such as the eXtensible Markup Language (XML). The information in such instance is divided into nodes. Each node may contain, for example, the identity information of a particular device. Each node also contains decay information, indicating when the node and the information it contains should be deleted. Information decay ensures that a given device does not become overloaded with information. A node may decay after a predetermined length of time after a device receives the information contained in the node. Alternatively, the node may decay after a predetermined length of time after another device that initially received the information. Thus, exchange of particular information from one device to another occurs before the information has decayed and been deleted.

The italicized emphasis above has been added. It is respectfully submitted that the term “node” is used in paragraph [0012] and throughout the specification in a clear and consistent manner. Moreover, it is also respectfully submitted that it is common to refer to points of a tree-like data structure as nodes. If the Examiner wishes to confirm this assertion, then the Examiner is invited to enter “tree node” into a general internet search engine.

Accordingly, it is respectfully requested that the rejections under 35 U.S.C. 112, second paragraph, corresponding to the term “node” be withdrawn.

11-42. In the current Office Action, claims 1-33 were rejected as follows:

Claims 1-4, 6-8, 12, 13, and 33 were “rejected under 35 U.S.C. 102(e) as being anticipated by Morris et al. (6,691,173).”

Claim 5 was “rejected under 35 U.S.C. 103(a) as being unpatentable over Morris as applied to claims 1, 3, 4 above, and further in view of Briancon (6,640,222).”

Claims 9-11, 14, and 16-32 were “rejected under 35 U.S.C. 103(a) as being unpatentable over Morris as applied to claims 1 and 8 above, and further in view of Hild et al. (6,532,368).”

Claim 15 was “rejected under 35 U.S.C. 103(a) as being unpatentable over Morris as applied to claim 1 above, and further in view of Davies et al. (6,664,891).”

Morris et al. is directed to “Distributed management of an extended network containing short-range wireless links”. With reference also to Fig. 1 of Morris et al., Morris et al. reads at column 3, lines 40-48:

slave node S4 is a member of both the first and second piconets 10 and 20, and facilitates internetworking therebetween. In this regard internetworking refers to the communication between the first and second piconets 10 and 20 facilitated by the distributed network management system of the present invention. The slave node S4, or “internetworking node”, understands the protocols of both the first and second piconets 10 and 20, and is capable of transparently relaying data traffic therebetween.

1 However, slave node S4 only functions in this regard when *both* first piconet
2 10 and second piconet 20 are currently in effect *and* slave node S4 is currently
3 participating in *both* piconets.

4 The other art of record suffers from a similar deficiency with respect to the
5 pending claims.

6 Specifically, no art of record, either alone or in any combination, anticipates
7 or renders obvious at least the following elements in conjunction with the other
8 elements of their respective claims:

9 Claim 1: wherein the first mobile device is not part of the at least one
10 instantaneous network previously established between the first
11 mobile device and the one or more third devices during the
12 establishing and the sending.

13 Claim 16: wherein the first device is not part of the at least one
14 instantaneous network previously established between the first
15 device and the one or more third devices during the establishing,
16 the exchanging, and the sending.

17 Claim 28: wherein the device is not part of the at least one instantaneous
18 network previously established between the device and the one or
19 more third devices when the first information is sent from the
20 structure stored in the memory or when the second information is
21 received from the second device.

22 Claim 33: permitting the first ad hoc network to dissipate at least with
23 respect to the intermediary mobile device . . . establishing, after
24 the permitting, a second ad hoc network including at least the
25 intermediary mobile device and the second mobile device.

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2 Reasons for the allowability of independent claims 1, 16, and 28 have been
3 provided above. Claims 2-15, 17-27, and 29-32 depend from independent claims
4 1, 16, and 28, respectively. Although each dependent claim also includes
5 additional element(s) militating toward allowability, they are allowable at least for
6 the reasons given above in connection with their respective independent claims.
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CONCLUSION

43. It is respectfully submitted that all pending claims 1-33 are now allowable. Applicants respectfully request reconsideration and allowance of the instant Application. Furthermore, if any issues remain that preclude allowance and/or issuance of this Application, the Examiner is requested to contact the undersigned attorney before issuing a subsequent Office Action.

Respectfully submitted,

Dated: 1/24/2005

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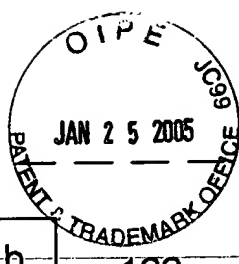


FIG 1

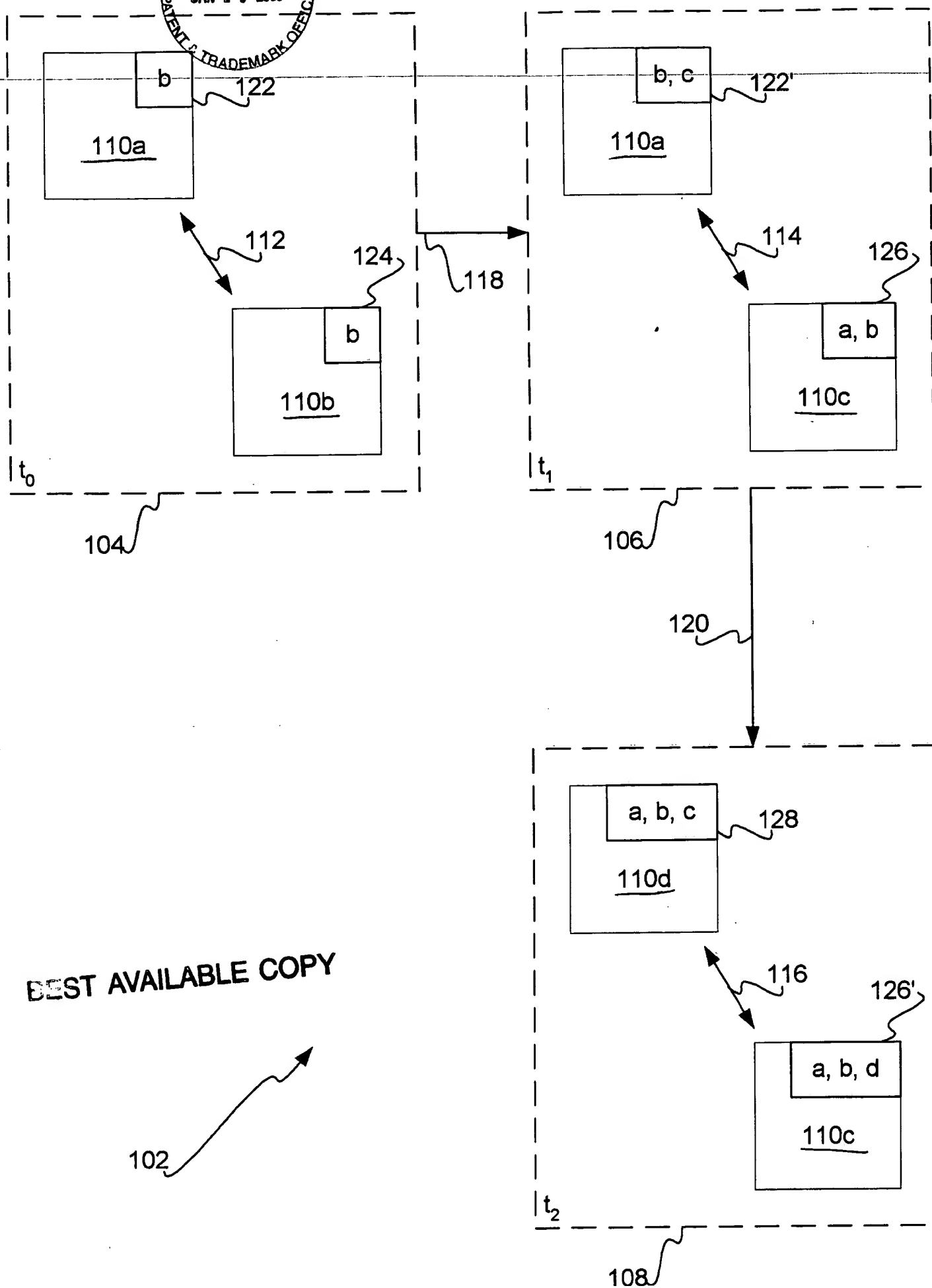


FIG 2

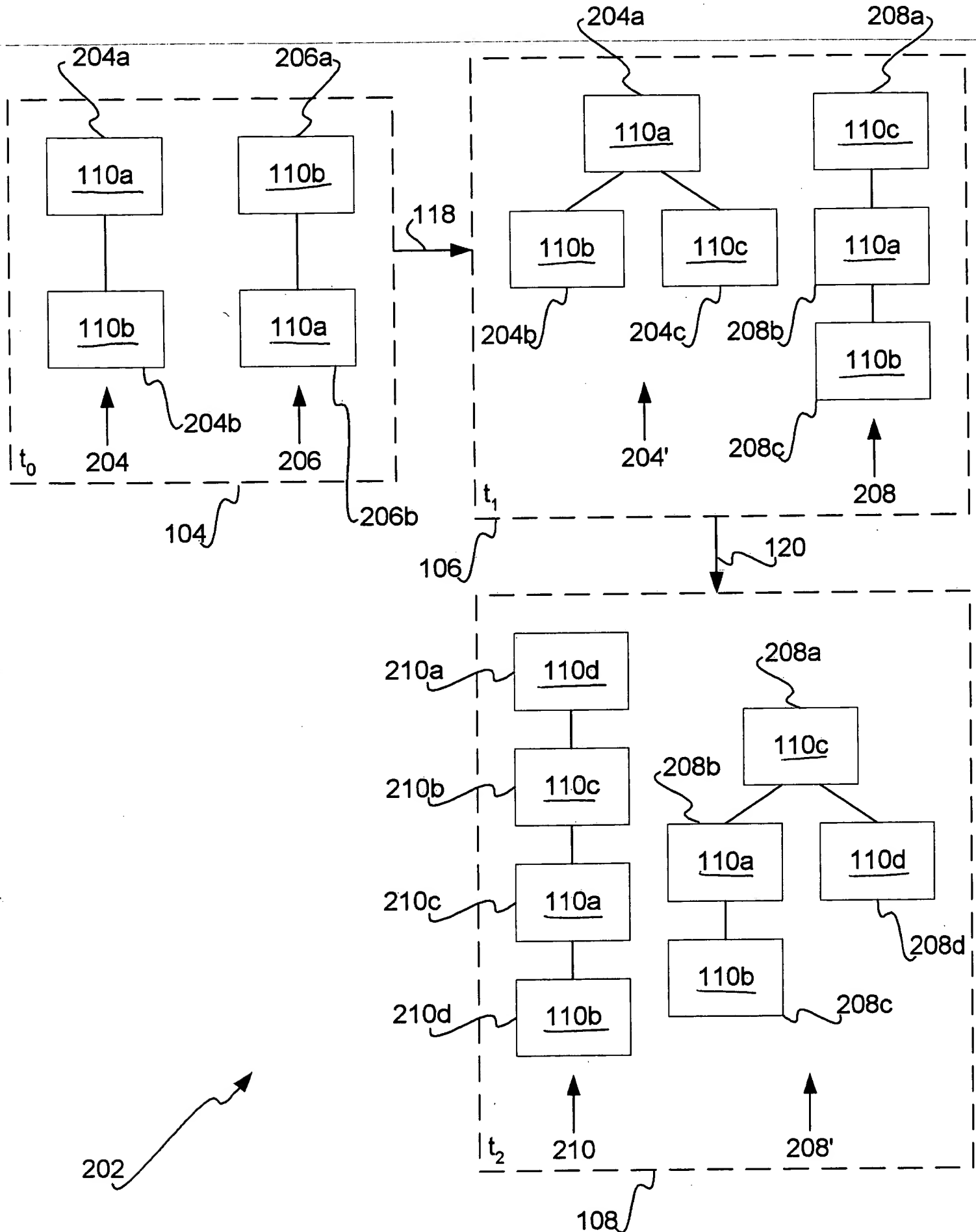


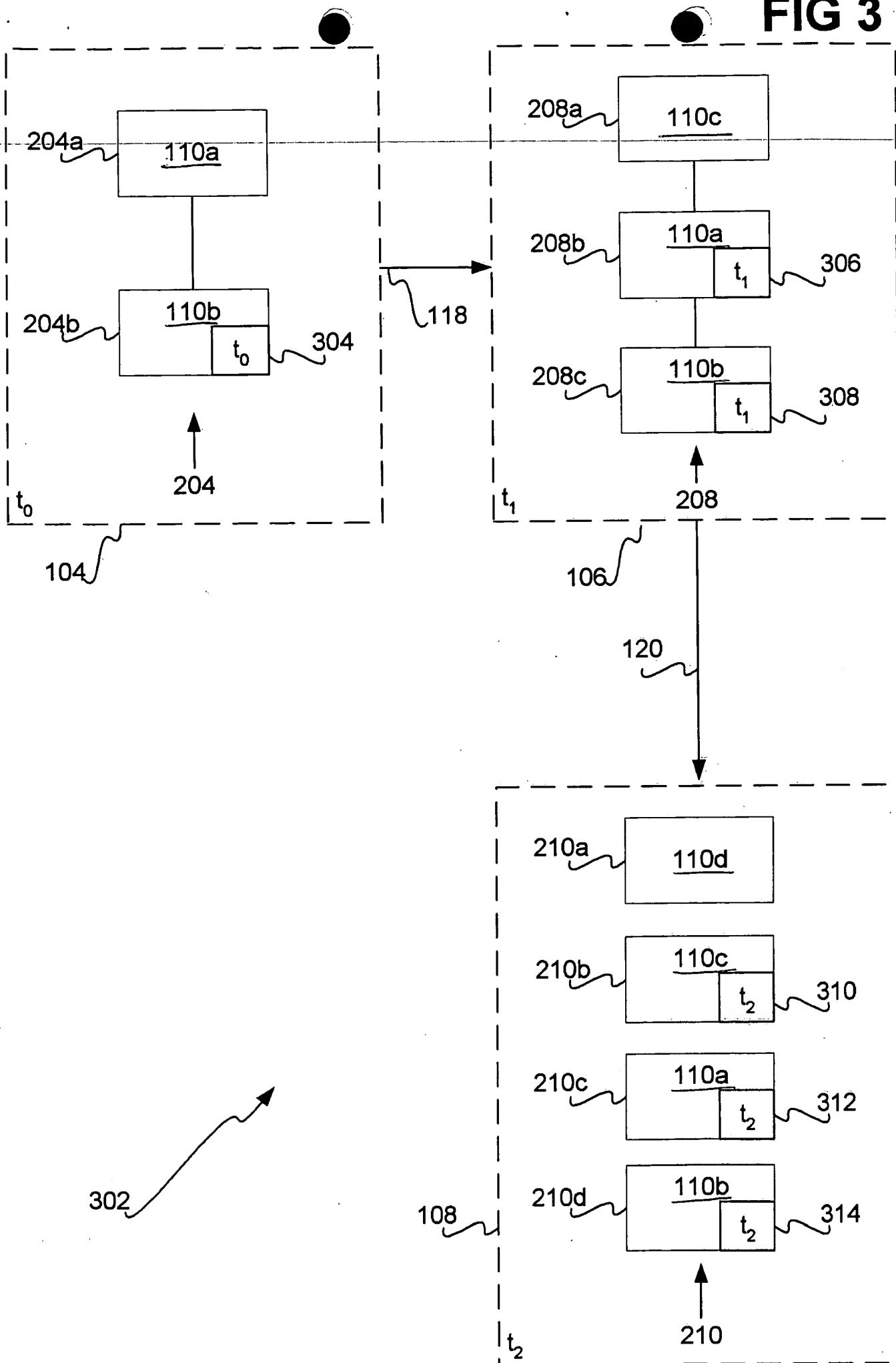
FIG 3

FIG 4

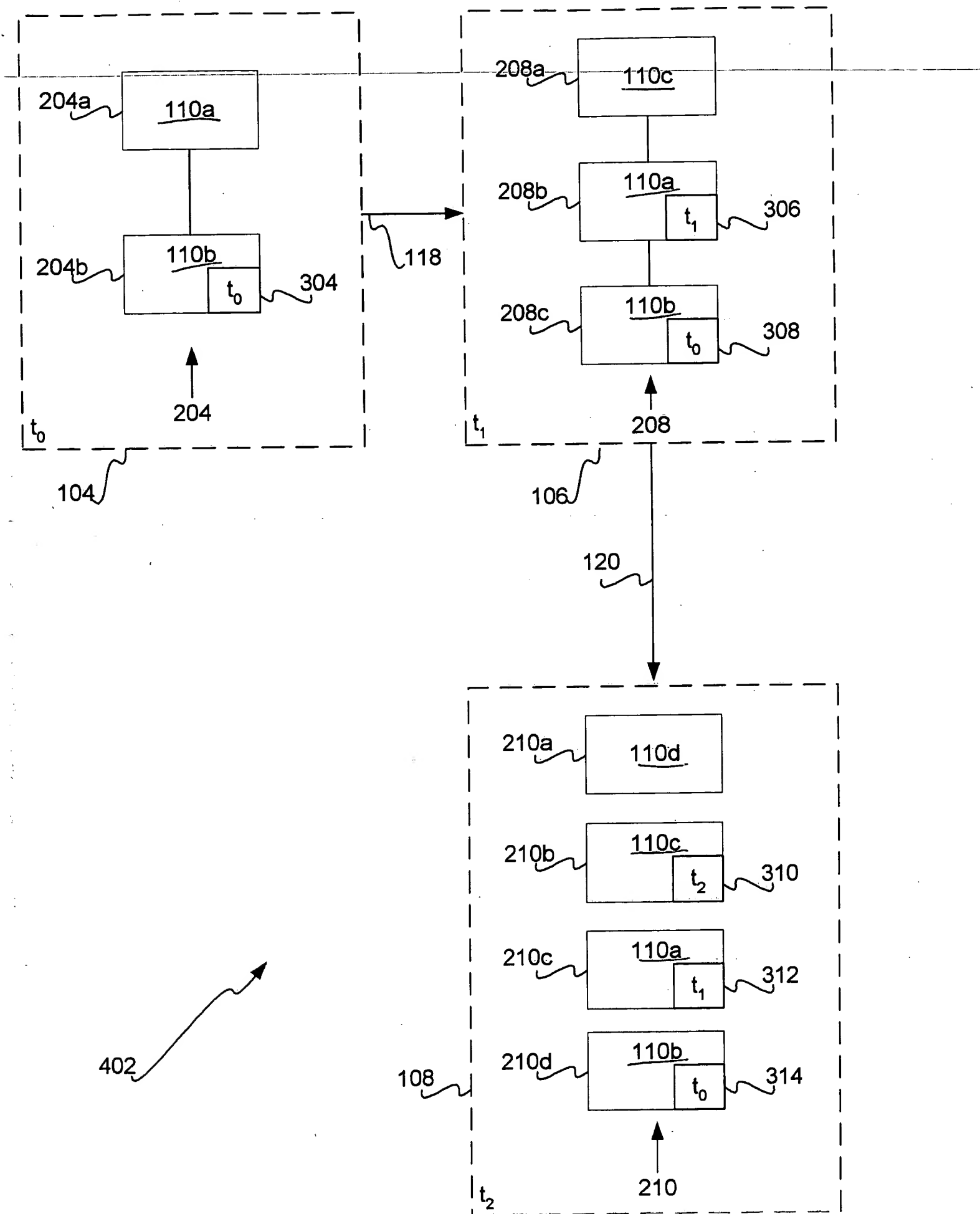


FIG 5

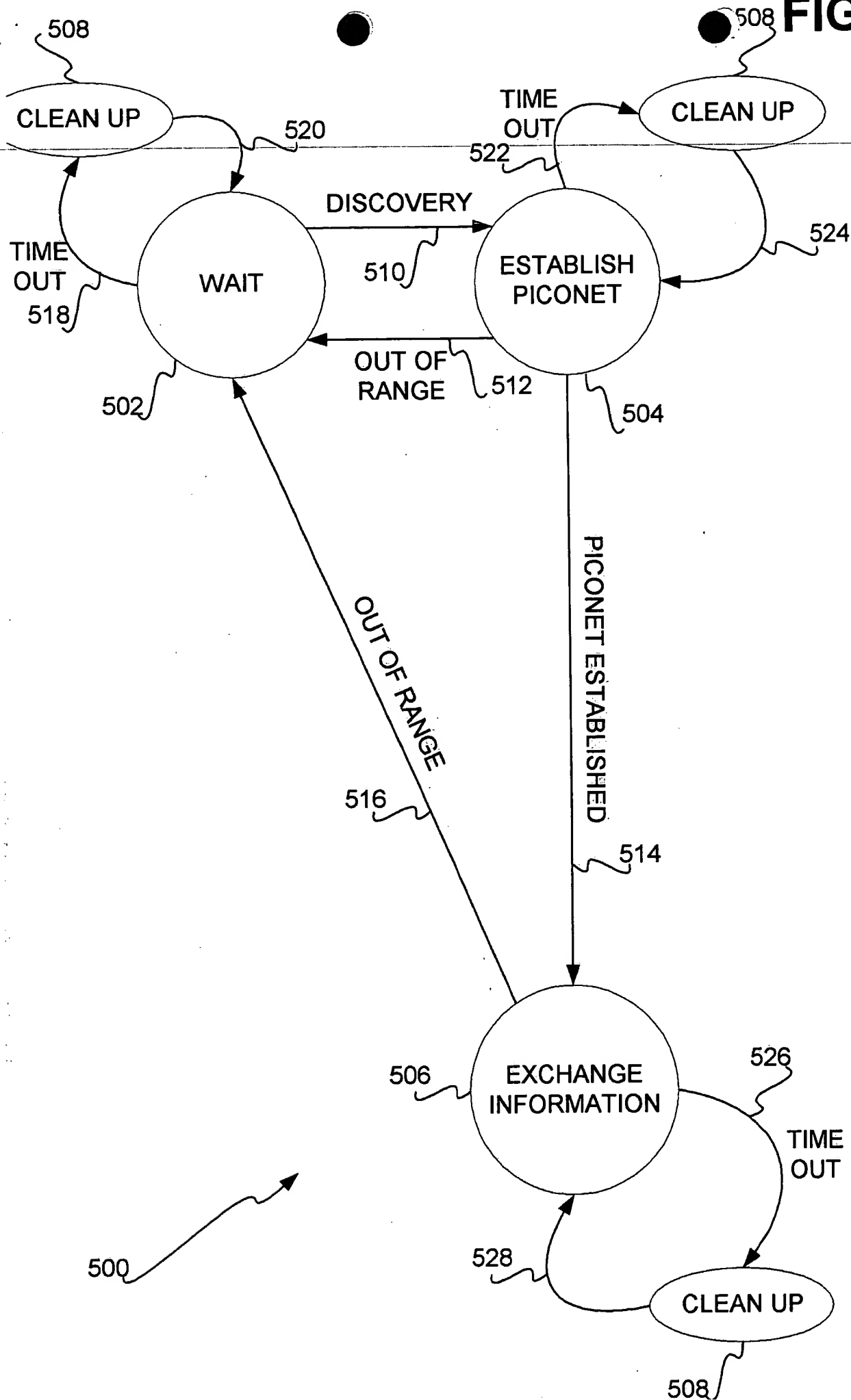
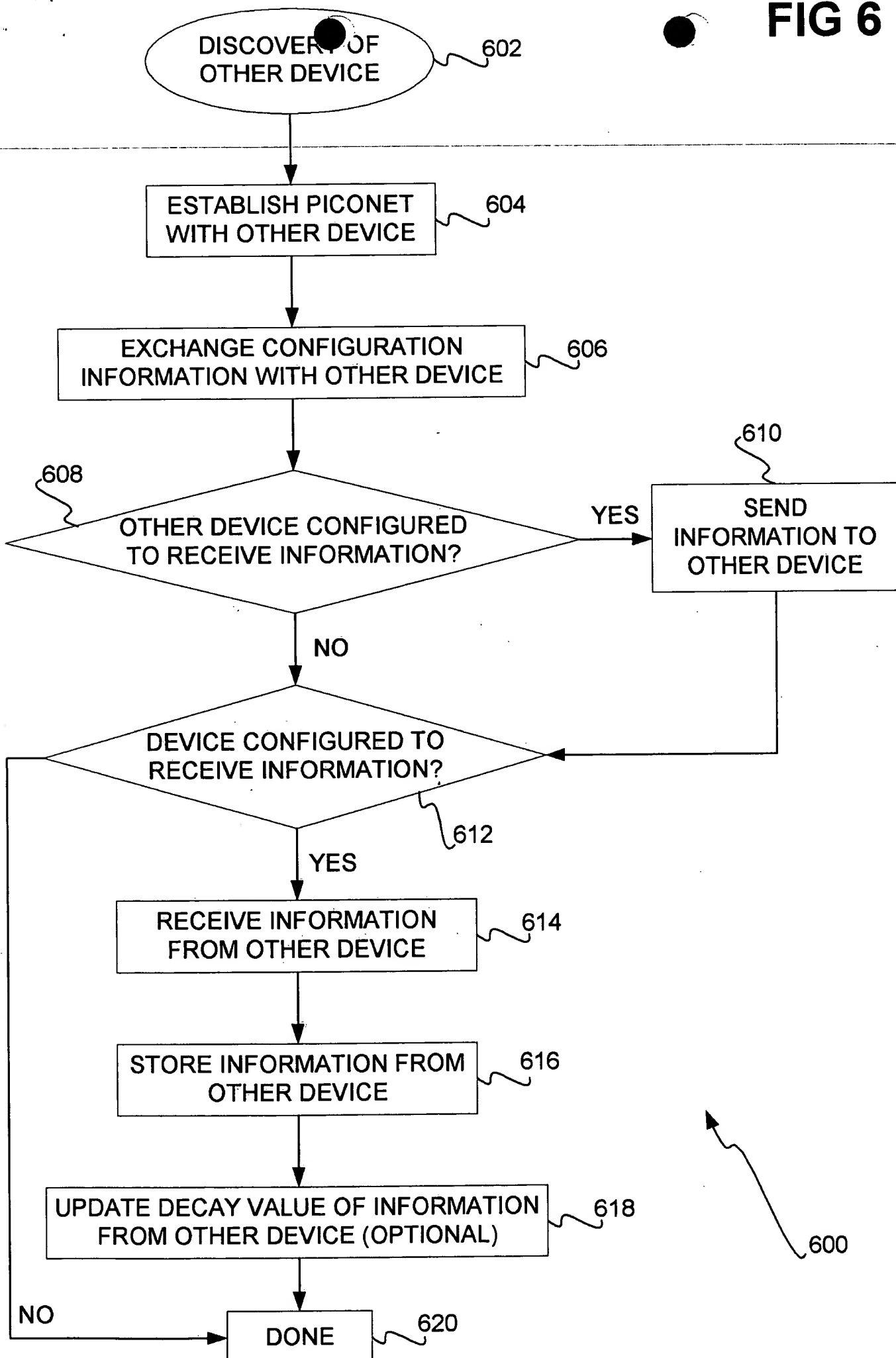
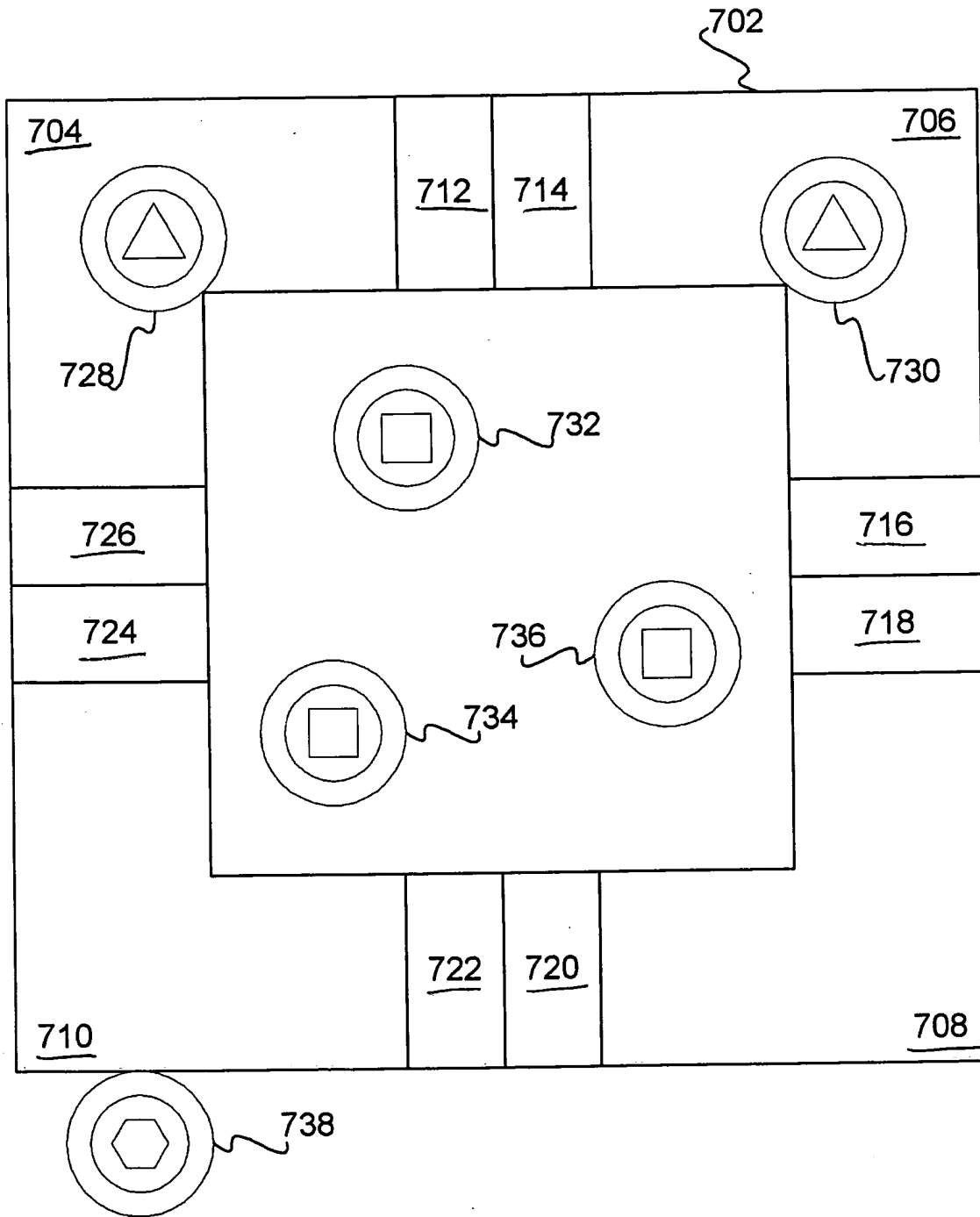


FIG 6



● FIG 7



DISPLAY
COMPONENT
802

COMMUNICATIONS
COMPONENT
804

INPUT COMPONENT
806

MEMORY
808

PROCESSOR
810

800

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